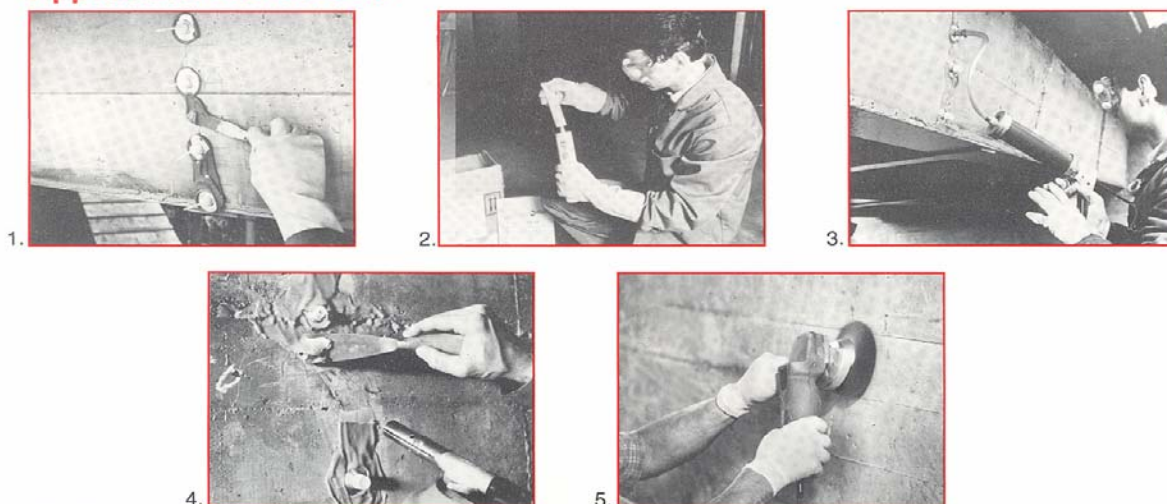

**APPROVED SOURCES
EPOXY RESINS FOR CRACK REPAIR**

<u>MANUFACTURER</u>	<u>BRAND NAME</u>	<u>MIXING RATIO BY VOLUME</u>
Adhesives Technology Corp.	Anchor-It LR-321	2:1 (Resin to Hardener)
Conspec, Inc.	Spec-Bond 54	4:1 (Resin to Hardener)
Greenstreak (Unitex Corp.)	Epoxy 7050 Epoxy 7100	
Hilti, Inc.	CI 060 EP	Two-component material used in special cartridge gun
Sika Corporation	Sikadur 35 Hi-Mod LV	2:1 (Resin to Hardener)
Unitex Corporation	Pro-epoxy 50 Super LV Pro-epoxy 100 LV	
W.R. Meadows, Inc.	Sealtight Rezi-Weld Rapid Set	

Application Instructions



1. The surface around the crack should be cleaned before starting. Bond the nipples to the surface using the EP-CA adhesive sealing compound. Depending on the depth and width of the crack, nipples should be 4" to 10" apart. Seal the area between nipples with the same compound.
2. Empty one tube of EP-IS hardener into a cartridge containing the resin. Close the cartridge with the cap and turn it slowly to mix the two components for about three minutes. Do not shake the cartridge.
3. Insert the cartridge in the EP-IS 650-P1 dispenser and connect to the nipple using an injection hose. Starting the lowest part of the crack inject the epoxy resin. When the resin starts coming out of the next nipple, move the hose and continue. Close each nipple with a sealing cap as the injection process is completed.
4. Remove the nipples. The adhesive compound can be removed by softening with a torch and then peeled.
5. Use an angle drive grinder to finish the surface.

Technical Data: EP-IS 650

Storage:	Resin and hardener have a shelf-life of one year at 15° to 25° C (59-77° F)	EP-CA Trowel Compound
Mechanical Properties	Cured for 7 days at 23°C (93° F)	Minimum hardening temperature: 50°F
Compressive Strength (ISO/R 604)	11,600 psi (80 N/mm²)	Minimum curing time at 68°F: Approx. 12 hrs.
Tensile Strength (ISO/R 527)	8,700 psi (60 N/mm²)	After 8 hrs. at 68°F: 8700 psi
Elastic Modulus (ISO/R 527)	464,200 psi (3200 N/mm²)	
Adhesion to damp concrete	good	good
Recommended Application Temperature Range	10° C to 40° C (50° F to 104° F)	Working Time: 2¼ hrs. at 50°F 1 hr. at 68°F 20 min. at 86°F



EP-IS 650-P1 Dispenser for injecting adhesive compound

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